

MEMORANDUM

TO: Andrew Louw (City of Somerville)

CC: Weston & Sampson Team, File

FROM: Joseph Spencer and Taylor Smith (Weston & Sampson)

DATE: May 22, 2021

SUBJECT: Conway Park Remediation and Redevelopment – Weekly Update
Week Ending May 21, 2021

Attached to this memo are the Resident Representative Daily Reports and Weekly Construction Meeting Minutes for the Conway Park Remediation and Redevelopment Project (the Project) for the week of 5/17/21-5/21/21. Quirk Construction (Quirk), under contract with the City of Somerville (the City), mobilized on April 20, 2021. A summary of the Project status and this week's activities is as follows:

Week: 5

Phase: 1

Primary Contractor: Quirk

Requests for Information (RFIs)

There are two RFIs currently outstanding. Outstanding RFIs include:

- *RFI #1* - Stormwater connection – submitted 4/30/21
 - City engineers performed dye test on 5/19. City to meet with Weston & Sampson design team on 5/24/21 to discuss resolution.
- *RFI #2* - Sports Netting/Backstop Conflict – submitted 4/30/21
 - W&S submitted response to RFI. Quirk to coordinate with their manufacturer to resolve this and discuss potential alternatives.

Major Milestones

The following major milestones were reached this week:

- Beginning of major construction and earthwork

On-going Construction

Construction of the following is on-going:

- Somerville Avenue access road and truck pad
- Basketball courts at Conway West
- Inspection, maintenance, and repair of environmental protection

Outstanding Items

The following items require attention:

- Quirk & their contractor GZA to update DCP and EMMP based on Weston & Sampson and EPA review. They provided finalized HASP on 5/20/21.
- Resolution of stormwater connection (RFI #1)
- Quirk to re-submit building permit with required COVID-19 section.

Dust Monitoring

Monitoring for dust at the perimeter of the Site and adjacent to residences, pedestrians, and bicyclists is achieved through a network of four (4) continuous dust monitoring instruments. One is placed in front of the adjacent Allen Court residences and the other three are moved daily, if necessary, based on wind direction. The instruments, TSI DustTracks, measure particulate matter in air and continuously log the results to a computer where the results are stored. The 150 micrograms/cubic meter ($\mu\text{g}/\text{m}^3$) Project action level being used at both the Site perimeter and in the work zone and is based the EPA's National Ambient Air Quality Standard (NAAQS) for coarse particles, which is a 24-hour Time-Weighted Average (TWA), and is considered a conservative action level based on site-specific risk calculations. If any 15-minute exceedance of the 24-hour TWA is exceeded, e-mail alerts are sent to Weston & Sampson and Quirk, and Site work is temporarily halted while additional dust suppression methods are employed.

Exposed soil, stockpiles, and areas where earth is being disturbed are sprayed regularly with water by Quirk to prevent the release of dust/soil particles. No dust meters in the four (4) monitor network have recorded a 24-hour TWA above 150 $\mu\text{g}/\text{m}^3$ during the week ending May 21, 2021.

The following ranges of average daily dust concentrations have been recorded this week:

- Downwind: 6 to 14.5 $\mu\text{g}/\text{m}^3$
- Crosswind: 5.7 to 28.2 $\mu\text{g}/\text{m}^3$
- Upwind: 14.6 to 28.7 $\mu\text{g}/\text{m}^3$
- Meter adjacent to eastern border/residences: 6 to 14.5 $\mu\text{g}/\text{m}^3$

Pay Requests

No pay requests were reviewed by Weston & Sampson this week.

Schedule

The Project is currently approximately 2 weeks behind schedule based on the initial Project schedule provided. Quirk is working on a revised Project schedule that is expected to show recovery during Phase 2/Phase 3 of the Project. The following short-term look-ahead was provided by Quirk this week:

5/24 – 5/28:

- Set new utility pole & take down remaining trees (Mon/Tues)
- Take down fence @ MBTA and reset temp construction fence
- Prep staging area & finalize construction entrance
- 1st load of wall block delivered on Tuesday
- Strip/stockpile/protect remaining loam (Mon-Thurs)
- Sample loam for disposal (Thurs)

6/1 – 6/4 (short week)

- Subgrade stripped areas & stockpile/protect
- Clear/grub tree stumps
- Subgrade & backfill landscape areas at edges of field
- Overhead utility relocation??
- Start MBTA retaining wall

6/7 – 6/11:

- Finish MBTA wall
- Start 10 Allen Court Wall work (demo & rebuild)

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